

IN THE CLAIMS:

1. (Currently Amended) A stent delivery system comprising:

a first cylindrical member configured to be inserted into a forceps channel of an endoscope, the first cylindrical member including a through hole having a central axis;

a second cylindrical member inserted into the through hole of the first cylindrical member and capable of advancing/retreating with respect to the first cylindrical member, the second cylindrical member including a holding mechanism for holding a relative position of the second cylindrical member with respect to the forceps channel of the endoscope; and

a stent which is attached between the first and second cylindrical members in a state where a diameter of the stent is reduced by the first cylindrical member and which expands when the first cylindrical member is removed.

2. (Original) A stent delivery system according to claim 1, wherein the second cylindrical member includes at least one X-ray chip recognized at the time of irradiation with an X-ray and disposed in a position where the stent is charged.

3. (Currently Amended) A stent delivery system according to claim 2, wherein the X-ray chip is formed in flange shapes outwards ~~disposed in a projected state outside a diametric direction~~ with respect to an axis of the second cylindrical member ~~in a state in which the stent is disposed in the second cylindrical member.~~

4. (Previously Presented) A stent delivery system according to claim 3, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

5. (Previously Presented) A stent delivery system according to claim 3, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to a forceps cap disposed on a base end of the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

6. (Previously Presented) A stent delivery system according to claim 3, wherein the holding mechanism includes:

a holder configured to be attached to and disposed on the endoscope; and

a fixing tool which connects the holder to the second cylindrical member in a detachably fixed state.

7. (Original) A stent delivery system according to claim 6, wherein the fixing tool includes:

an arm which grasps the holder; and

an arm which grasps the second cylindrical member.

8. (Original) A stent delivery system according to claim 2, wherein static and dynamic frictions between the stent and the outer peripheral surface of the second cylindrical

member are larger than the dynamic friction between the stent and the inner peripheral surface of the first cylindrical member.

9. (Previously Presented) A stent delivery system according to claim 8, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

10. (Previously Presented) A stent delivery system according to claim 8, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to a forceps cap disposed on a base end of the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

11. (Previously Presented) A stent delivery system according to claim 8, wherein the holding mechanism includes:

a holder configured to be attached to and disposed on the endoscope; and

a fixing tool which connects the holder to the second cylindrical member in a detachably fixed state.

12. (Original) A stent delivery system according to claim 11, wherein the fixing tool includes:

an arm which grasps the holder; and

an arm which grasps the second cylindrical member.

13. (Previously Presented) A stent delivery system according to claim 2, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

14. (Previously Presented) A stent delivery system according to claim 2, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to a forceps cap disposed on a base end of the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

15. (Previously Presented) A stent delivery system according to claim 2, wherein the holding mechanism includes:

a holder configured to be attached to and disposed on the endoscope; and

a fixing tool which connects the holder to the second cylindrical member in a detachably fixed state.

16. (Original) A stent delivery system according to claim 15, wherein the fixing tool includes:

an arm which grasps the holder; and

an arm which grasps the second cylindrical member.

17. (Previously Presented) A stent delivery system according to claim 1, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

18. (Previously Presented) A stent delivery system according to claim 1, wherein the holding mechanism includes:

a third cylindrical member directly slidable on the first cylindrical member outside the first cylindrical member and configured to be fixed to a forceps cap disposed on a base end of the forceps channel of the endoscope by friction; and

a connection member which connects the third cylindrical member to the second cylindrical member.

19. (Previously Presented) A stent delivery system according to claim 1, wherein the holding mechanism includes:

a holder configured to be attached to and disposed on the endoscope; and

a fixing tool which connects the holder to the second cylindrical member in a detachably fixed state.

20. (Original) A stent delivery system according to claim 19, wherein the fixing tool includes:

an arm which grasps the holder; and

an arm which grasps the second cylindrical member.

21. (Original) A stent delivery system according to claim 1, wherein at least the outer peripheral surface of the tip end of the first cylindrical member is coated with a hydrophilic lubrication.

22. (Original) A stent delivery system according to claim 1, wherein the second cylindrical member includes a tip-end chip coated with a hydrophilic lubrication on the tip end.

23-44. (Cancelled)

45. (Currently Amended) An indwelling method for a stent using a stent delivery system as set forth in claim 1, comprising the steps of:

introducing the first cylindrical member and the second cylindrical member inserted inside the first cylindrical member to a target portion through the forceps channel of the endoscope while regulating expansion of the stent, which is a self-expansion type stent, charged ~~[[in]]~~ over the second cylindrical member by the first cylindrical member;

using the holding mechanism to hold the second cylindrical member with respect to the forceps channel of the endoscope;

pulling the first cylindrical member ~~out of~~ relative to the second cylindrical member, and expanding the stent to indwell the stent in the target portion; and

pulling the first and second cylindrical members out of the forceps channel of the endoscope while releasing a state of the first cylindrical member held by friction.

46. (Currently Amended) An indwelling method for a stent using a stent delivery system as set forth in claim 1, comprising the steps of:

introducing the first cylindrical member and the second cylindrical member inserted inside the first cylindrical member to a target portion through the forceps channel of the endoscope while regulating expansion of the stent, which is a self-expansion type stent, charged ~~[[in]]~~ over the second cylindrical member by the first cylindrical member;

fixing a third cylindrical member operating together with the second cylindrical member to at least one of an inner wall of the forceps channel, and a forceps cap of the endoscope, by friction;

pulling the first cylindrical member ~~out of~~ relative to the second cylindrical member, and expanding the stent to indwell the stent in the target portion; and

pulling the first and second cylindrical members out of the forceps channel of the endoscope while releasing the fixing of the first cylindrical member by the friction.

47. (Currently Amended) An indwelling method for a stent using a stent delivery system as set forth in claim 1, comprising the steps of:

introducing the first cylindrical member and the second cylindrical member inserted inside the first cylindrical member to a target portion through the forceps channel of the endoscope while regulating expansion of the stent, which is a self-expansion type stent, charged ~~[[in]]~~ over the second cylindrical member by the first cylindrical member;

holding ~~a target portion~~ a relative position between the holding mechanism, which is attached to and disposed on the endoscope, and the second cylindrical member to regulate the movement of the second cylindrical member;

pulling the first cylindrical member ~~out of~~ relative to the second cylindrical member, and expanding the stent to indwell the stent in the target portion; and

releasing the regulation of the second cylindrical member to pull the second cylindrical member together with the first cylindrical member from the forceps channel of the endoscope.